

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-11. (Cancelled)

12. (New) In a process for the release coating of substrates with crosslinkable silicone coating compositions wherein antimisting additives are employed for reducing the formation of aerosol, the improvement comprising selecting as at least one antimisting additive, a siloxane polymer containing branched alkenyl groups prepared by reacting

α,ω -dialkenylsiloxane polymers (1) of the formula



where R denotes identical or different, unhalogenated or halogenated hydrocarbon radicals having from 1 to 18 carbon atoms per radical,

R^1 is a terminally aliphatically unsaturated organic radical,

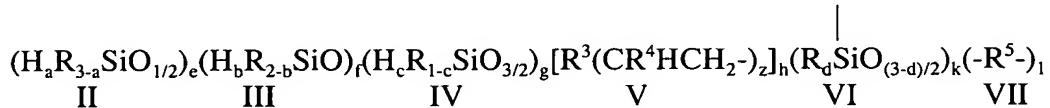
R^2 is a divalent organic radical having 2 to 30 carbon atoms per radical or a divalent silane or siloxane radical having 2 to 10 Si units,

x is identical or different and is 0 or 1, on average from 0.7 to 1.0,

m is 0 or an integer from 1 to 10,

and n is 0 or an integer from 1 to 1000,

with organosilicon compound(s) (2) containing at least 3 Si-bonded hydrogen atoms per molecule and of the formula



where R is as defined above,

R^3 is a trivalent to decaivalent aliphatically saturated hydrocarbon radical having 1 to 20 carbon atoms, which optionally contains one or more heteroatoms selected from the group of oxygen, boron, silicon and titanium,

R^4 is a hydrogen atom or an alkyl radical having from 1 to 6 carbon atoms per radical,

R^5 is a divalent hydrocarbon radical having from 2 to 30 carbon atoms, which can be linear, branched or cyclic and optionally contains one or more non-adjacent oxygen atoms,

a is 0, 1, 2 or 3,

b is 0, 1 or 2,

c is 0 or 1,

d is 0, 1 or 2,

z is an integer from 3 to 10,

e, f, g, h, k and l are each 0 or a positive integer,

with the proviso that when h and k are each a positive integer and l is 0, the structural elements V are bonded exclusively to the structural elements VI, and

that when h is 0 and l is a positive integer, the structural elements VII are bonded to the structural elements VI,

in the presence of catalysts (3) which promote the addition of Si-bonded hydrogen onto aliphatic double bond.

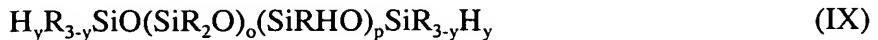
13. (New) The process of claim 12, wherein the α,ω -dialkenylsiloxane polymer(s) (1) are those of the formula



where R , R^1 and n are as defined in claim 12.

14. (New) The process of claim 13, wherein α,ω -dialkenylsiloxane polymer(s) (1) are α,ω -divinylpolydimethylsiloxanes.

15. (New) The process of claim 12, wherein at least one organosilicon compound (2) is that of the formula



where R is as defined above,

y is 0, 1 or 2,

o is 0 or an integer from 1 to 1500 and

p is an integer from 1 to 200,

with the proviso that there are at least 3 Si-bonded hydrogen atoms per molecule.

16. (New) The process of claim 12, wherein said crosslinkable silicone coating composition comprises:

- (A) organosilicon compounds having radicals containing aliphatic carbon-carbon multiple bonds,
- (B) organosilicon compounds containing Si-bonded hydrogen atoms,
- (C) catalysts which promote the addition of Si-bonded hydrogen onto aliphatic multiple bond, and
- (D) optionally, one or more inhibitors.

17. (New) A crosslinkable silicone coating composition having reduced aerosol formation, comprising

- (X) at least one antimisting additive of claim 12,
- (A) organosilicon compounds having radicals containing aliphatic carbon-carbon multiple bonds,
- (B) organosilicon compounds containing Si-bonded hydrogen atoms,
- (C) catalysts which promote the addition of Si-bonded hydrogen onto aliphatic multiple bond, and
- (D) inhibitors.

18. (New) A shaped body produced by crosslinking a composition of claim 17.

19. (New) The shaped body of claim 18, which is a coating.

20. (New) The shaped body of claim 19, which is a release coating for tacky substances.

21. (New) A process for producing silicone coatings, comprising applying a crosslinkable composition of claim 17 to a surface to be coated, then crosslinking the composition.

22. (New) A process for producing coatings which are release coatings for tacky substances, comprising applying a crosslinkable composition of claim 17 to a surface to be coated, and crosslinking the composition.